

Date: Wed, 29 Dec 93 04:30:32 PST
From: Ham-Homebrew Mailing List and Newsgroup <ham-homebrew@ucsd.edu>
Errors-To: Ham-Homebrew-Errors@UCSD.Edu
Reply-To: Ham-Homebrew@UCSD.Edu
Precedence: Bulk
Subject: Ham-Homebrew Digest V93 #147
To: Ham-Homebrew

Ham-Homebrew Digest Wed, 29 Dec 93 Volume 93 : Issue 147

Today's Topics:

- - television disruptor - - (3 msgs)
 6m quad design,help
 80 M DSB transceiver project

Send Replies or notes for publication to: <Ham-Homebrew@UCSD.Edu>
Send subscription requests to: <Ham-Homebrew-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Homebrew Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-homebrew".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 28 Dec 1993 16:25:12 GMT
From: swrinde!cs.utexas.edu!math.ohio-state.edu!news.acns.nwu.edu!
casbah.acns.nwu.edu!lapin@network.ucsd.edu
Subject: - - television disruptor - -
To: ham-homebrew@ucsd.edu

quixote@eskimo.com (Looking for Sancho) writes:

> I would be interested in obtaining some device which would
> disrupt television reception around my apartment. If they
> are not so complicated, I imagine that with some patience,
> one could build one, but I do not even know the range of
> frequencies used by commercial television radio waves.
>
> The intended use of this device is to be put with a timer
> against the wall where my new neighbor has his television set.
> He comes home around midnight and keeps his television
> loud until 3 am almost every day. I wonder about the legality
> of my idea, therefore I would like something with regulated
> signal strength since I would not like to affect other neighbors.

Subject: - - television disruptor - -
To: ham-homebrew@ucsd.edu

In article <CIBMDI.MsI@eskimo.com> quixote@eskimo.com (Looking for Sancho) writes:
>

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> against the wall where my new neighbor has his television set.
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> of my idea, therefore I would like something with regulated
> signal strength since I would not like to affect other neighbors.

Of course, you should consider talking to your neighbor and apartment manager, learning diplomacy, etc. If your apartment manager isn't interested in providing a quiet place for you to live, you should consider moving.

Making radio interference is illegal. Without a lot of equipment and knowledge, there is no way to tell that you are doing it correctly, anyway. Making his set unusable on any channel he was watching, while causing no noticable disruption of any channel on other sets, may not even be possible.

So, given the constraints, what can you do? I suppose you could degauss the fellow's TV set for him - a few hundred pounds of wire, made into a very big coil, and connected to line, would cause the picture on his screen to change colors and wave back and forth. It would take some experimentation and a hell of a lot of wire (perhaps 200 turns around a 5 foot form) to find something that generates a big AC magnetic field but doesn't blow your circuit breaker. It will also make a loud hum if it isn't VERY sturdy and the windings aren't firmly anchored.

Now, this will subject *you* to a big time varying magnetic field, and might give you some loathsome disease (if tabloid science is to be believed), but all the effort of making it will exhaust you and make it easier for you to sleep.

: -)

Keith

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Keith Lofstrom keith1@klic.rain.com Voice (503)-520-1993
KLIC --- Keith Lofstrom Integrated Circuits --- "Your Ideas in Silicon"
Design Contracting in Bipolar and CMOS - Analog, Digital, and Power ICs

Date: 28 Dec 1993 16:58:54 GMT
From: swrinde!gatech!howland.reston.ans.net!math.ohio-state.edu!mane.cgrg.ohio-state.edu!aus1.robins.af.mil!wrdis02.robins.af.mil!gwood@network.ucsd.edu
Subject: 6m quad design,help
To: ham-homebrew@ucsd.edu

would like to fine a design for a 6m quad 5,6 element
if any one out there could help me you just dont't know
what it would mean to me .

KC4YBL
GREG WOOD

Date: Tue, 28 Dec 1993 13:18:39
From: agate!howland.reston.ans.net!pipex!sunic!trane.uninett.no!news.eunet.no!nuug!telepost.no!a11a156.saga.no!Anders.Fongen@ames.arpa
Subject: 80 M DSB transceiver project
To: ham-homebrew@ucsd.edu

In article <1993Dec23.224415.391@chmeds.ac.nz> spearce@chmeds.ac.nz writes:

> Electronic Australia recently ran an article on a DSB 80 transceiver
>with a synthesiser in built.

I Have seen CirkIt (UK) selling something like this. It comes as a collection of kits, and I don't have the most recent catalogue. Something around GBP150 for a complete kit, (a vague memory).

By the way, what does "DSB" means? Double sideband with attenuated carrier? In the ARRL handbook, DSB is equivalent of AM. "Double Sideband, attenuated carrier" bears no designation in the modulation chapter in the ARRL handbook. Would anyone consider the use of "DSB" as a considerate modulation in a crowded spectrum (this is no critics to you, Stephen)?

Send me a mail, Stephen, if you need CirkIt's address and more info.

Anders Fongen, Norway (LA6UIA)

End of Ham-Homebrew Digest V93 #147

